

## ASOS MODIFICATION NOTE 58 (for Electronics Technicians)

Engineering Division

W/OSO321:BGM

SUBJECT : Return of Operator Interface Device (OID) Peripheral equipment

PURPOSE : OID equipment is no longer required at Automated Surface Observing System (ASOS) sites where Aviation Service levels were degraded.

EQUIPMENT AFFECTED : ASOS Peripherals (APER)

PARTS REQUIRED : None

MOD PROCUREMENT : None

SPECIAL TOOLS REQUIRED : None

EFFECTIVITY : Sites listed in appendix A

TIME REQUIRED : 1.0 hour

EFFECT ON OTHER INSTRUCTIONS : None

AUTHORIZATION : To Be Assigned

**GENERAL**

ASOS technician(s) are required to remove the OID from the sites listed in appendix A, and return to the National Reconditioning Center (NRC). Fill out and attach an H-14 tag for the OID including the station identifier from where it was removed. The removal and return must be coordinated with the Electronics Systems Analyst. There are 36 automated sites which no longer have a part or full-time observer present.

## PROCEDURE

### BEFORE REMOVAL OF THE OID

1. Call the ASOS Operations and Monitoring Center (AOMC) at 1-800-242-8194, and provide notification that you will be performing this modification.
2. Make the appropriate SYSLOG entries (MAINT-ACT-FMK) for Modification Note 58.
  - a. Log on as **TECH**.
  - b. Key the **MAINT** screen.
  - c. Key the **ACT** page.
  - d. Key **START**.
3. Enter in the SYSLOG that maintenance has been completed.
  - a. Key the **MAINT** screen.
  - b. Key the **ACT** page.
  - c. Key **FMK** - Enter the Field Mod Kit (FMK) number as follows: **Mod 58**.  
On the second line of the screen verify that only Mod 58 is displayed. Complete by entering **Y** in the [Y/N] area if only Mod 58 is displayed.
  - d. Check the SYSLOG and verify the FMK message. Enter a comment in the SYSLOG stating that the OID has been removed.
4. Remove power from the OID.
5. Disconnect the power cord and cable connected to the OID.
6. Pack the power cord and OID, and ship to the NRC.

### AFTER REMOVAL OF THE OID

- Call the AOMC at 1-800-242-8194 and tell the operator:
- a. Your location.
  - b. The modification has been completed.
  - c. The OID radio removal.

### **Reporting Modification**

Target date for completion of this modification is December 15, 1998. Report the completed modification on an National Weather Service (NWS) Form A-26, Maintenance Record, per instructions in Engineering Handbook No.4 (EHB-4), Engineering Management Report System (EMRS), part 2, appendix F, using reporting code APER. Record the serial number of the OID in Block 15, Maintenance Comments, as per instructions in EMRS Bulletin X. In Block 17a, record the modification number as 58. Refer to appendix B for a completed sample of NWS Form A-26, Maintenance Record.

### ***Original Signed***

John McNulty  
Chief, Engineering Division

appendix A - Sites

appendix B - A-26

W/OSO321:B.McCormick:713-1833x120;9/14/98

File:k:\OSO32\OSO321:Asos Temps\Mod58.Wpd

Spellchecked:9/14/98:src

**Required Sites for OI Removal**

SID	City	ST	Region	Airport
AKO	Akron	CO	Central	AKRON-WASHINGTON COUNTY AIRPORT
ATY	Watertown	SD	Central	WATERTOWN MUNICIPAL AIRPORT
AUW	Wausau	WI	Central	WAUSAU DOWNTOWN AIRPORT
AXN	Alexandria	MN	Central	CHANDLER FIELD
BRL	Burlington	IA	Central	BURLINGTON REGIONAL AIRPORT
BWG	Bowling Green	KY	Central	BOWLING GREEN-WARREN COUNTY REG AIRPORT
CDR	Chadron	NE	Central	CHADRON MUNICIPAL AIRPORT
CNU	Chanute	KS	Central	CHANUTE MARTIN JOHNSON AIRPORT
EMP	Emporia	KS	Central	EMPORIA MUNICIPAL AIRPORT
GCK	Garden City	KS	Central	GARDEN CITY REGIONAL AIRPORT
GVW	Kansas City	MO	Central	RICHARDS-GEBAUR AIRPORT
HLC	Hill City	KS	Central	HILL CITY MUNICIPAL AIRPORT
IXD	Olathe	KS	Central	NEW CENTURY AIR CENTER
LHX	La Junta	CO	Central	LA JUNTA MUNICIPAL AIRPORT
LOZ	London	KY	Central	LONDON-CORBIN AIRPORT-MAGEE FIELD
MHK	Manhattan	KS	Central	MANHATTAN MUNICIPAL AIRPORT
RSL	Russell	KS	Central	RUSSELL MUNICIPAL AIRPORT
SNY	Sidney	NE	Central	SIDNEY MUNICIPAL AIRPORT
VIH	Rolla/Vichy	MO	Central	ROLLA NATIONAL AIRPORT
BFD	Bradford	PA	Eastern	BRADFORD REGIONAL AIRPORT
EWN	New Bern	NC	Eastern	CRAVEN COUNTY REGIONAL AIRPORT
FOK	Westhampton Beach	NY	Eastern	THE GABRESKI AIRPORT
MPV	Barre/Montpelier	VT	Eastern	KNAPP STATE AIRPORT
CDS	Childress	TX	Southern	CHILDRESS MUNICIPAL AIRPORT
CEW	Crestview	FL	Southern	SIKES AIRPORT
CSV	Crossville	TN	Southern	CROSSVILLE MEMORIAL AIRPORT
GAG	Gage	OK	Southern	GAGE AIRPORT
GLS	Galveston	TX	Southern	SCHOLES FIELD
HBR	Hobart	OK	Southern	HOBART MUNICIPAL AIRPORT
MCB	Mccomb	MS	Southern	MCCOMB / PIKE COUNTY AIRPORT
MKL	Jackson	TN	Southern	MC KELLAR-SIPES REGIONAL AIRPORT
MLC	Mc Alester	OK	Southern	MC ALESTER REGIONAL AIRPORT
MSL	Muscle Shoals	AL	Southern	NORTH WEST ALABAMA REGIONAL AIRPORT
TOI	Troy	AL	Southern	TROY MUNICIPAL AIRPORT
BZN	Bozeman	MT	Western	GALLATIN FIELD
EPH	Ephrata	WA	Western	EPHRATA MUNICIPAL AIRPORT

A-26 page